# **SIEMENS**

## Data sheet

## 3RH2911-4GA04



AUX.SWITCH BLOCK,FRONT,4NC, CURR.PATH: 1NC, 1NC, 1NC, 1NC, FOR CONTACTOR RELAYS, SZ S00, RING CABLE LUG CONNECTION 51 / 52,61 / 62,71 / 72,81 / 82

General technical data:		
product brand name		SIRIUS
Suitability for use	-	Contactor relay
Protection class IP on the front	-	IP20
Ambient temperature		
<ul> <li>during storage</li> </ul>	°C	-55 +80
<ul> <li>during operation</li> </ul>	°C	-25 +60
Mechanical service life (switching cycles) typical		10 000 000
Electrical endurance (switching cycles) at AC-15 at 230 V typical	_	200 000
Contact reliability	-	one incorrect switching operation of 100 million switching operations (17 V, 1 mA)
Contact reliability of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 Rated value	V	690
Surge voltage resistance Rated value	kV	6
Auxiliary circuit:		
Number of NC contacts for auxiliary contacts		
<ul> <li>instantaneous contact</li> </ul>		4
<ul> <li>lagging switching</li> </ul>		0
Number of NO contacts for auxiliary contacts		
<ul> <li>instantaneous contact</li> </ul>		0
<ul> <li>leading contact</li> </ul>		0
Operating current of the auxiliary contacts at AC-12		
• at 24 V	А	10

• at 230 V	А	10
• maximum	А	10
Operating current		
• of the auxiliary contacts		
— at AC-14		
— at 125 V	А	6
— at 250 V	А	6
— at AC-15		
— at 24 V	А	6
— at 230 V	А	6
— at 400 V	А	3
• at AC-15 at 690 V Rated value	А	1
Operating current		
<ul> <li>with 2 current paths in series at DC-12</li> </ul>		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	10
— at 110 V Rated value	А	4
— at 220 V Rated value	А	2
— at 440 V Rated value	А	1.3
— at 600 V Rated value	А	0.65
<ul> <li>with 3 current paths in series at DC-12</li> </ul>		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	10
— at 110 V Rated value	А	10
— at 220 V Rated value	А	3.6
— at 440 V Rated value	А	2.5
— at 600 V Rated value	А	1.8
Operating current		
<ul> <li>of the auxiliary contacts at DC-13</li> </ul>		
— at 24 V	A	6
— at 60 V	А	2
— at 110 V	А	1
— at 220 V	А	0.3
<ul> <li>with 2 current paths in series at DC-13</li> </ul>		
— at 24 V Rated value	А	10
— at 60 V Rated value	А	3.5
— at 110 V Rated value	А	1.3
— at 220 V Rated value	А	0.9
— at 440 V Rated value	А	0.2
— at 600 V Rated value	А	0.1
<ul> <li>with 3 current paths in series at DC-13</li> </ul>		

— at 24 V Rated value	А	10
— at 60 V Rated value	А	4.7
— at 110 V Rated value	А	3
— at 220 V Rated value	А	1.2
— at 440 V Rated value	A	0.5
— at 600 V Rated value	А	0.26

Installation/ mounting/ dimensions:				
Mounting type		snap-on mounting		
Width	mm	36		
Height	mm	37.5		
Depth	mm	43.7		

Connections/ Terminals:	
Type of electrical connection for auxiliary and control current circuit	ring cable connection
Safety related data:	
Product function Mirror contact acc. to IEC 60947-4-1	No
Product function positively driven operation acc. to IEC 60947-5-1	Yes

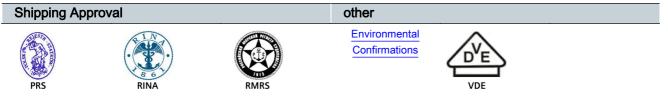
•	Note			

Certificates/ approvals:

General Prod	uct Approval		Declaration of Conformity	Test Certificates
	(SA)	EHC	EG-Konf.	Special Test Certificate

with 3RH2

Test Certificates	Shipping Ap	proval			
<u>Type Test</u> Certificates/Test <u>Report</u>	ABS	B U R E A U V E R I T A S	ĴÅ DNV DNV	GL GL	Lloyds Kegister Lrs



#### <sup>-</sup>urther information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

### Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

#### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH29114GA04

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RH29114GA04/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29114GA04&lang=en

